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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 8194-487

DATE: May 14, 2001

UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))

BOX PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP)
 of prior application no.: ; filed .
☐ A Small Entity Statement(s) was filed in the prior application; Status still proper and desired.

Inventor(s) or Application Identifier:

Scott R. Justice – Durham, North Carolina**Erik L. Bengtsson** – Lund, Sweden**David R. Pehlke** – Chapel Hill, North Carolina

Entitled: **METHODS, TRANSMITTERS, AND COMPUTER PROGRAM PRODUCTS FOR
TRANSMITTING A SIGNAL BY ADJUSTING A DELAY BETWEEN AN AMPLITUDE
COMPONENT OF THE SIGNAL AND A PHASE COMPONENT OF THE SIGNAL
BASED ON THE TRANSMISSION POWER**

Enclosed are:

- ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
- ☒ 26 pages of Specification (including 42 claims)
- ☒ 8 sheets of Formal Drawings (35 USC 113)
- ☒ Oath or Declaration
 - ☒ newly executed (*original or copy*)
 - ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*)) [Note Box 5 Below]
 - ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
- ☐ Incorporation By Reference (*useable if box 4b is checked*)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ Microfiche Computer Program (*Appendix*)
- ☒ Assignment papers (*cover sheet(s) and document(s)*)
- ☐ Small Entity Statement(s)
- ☒ Information Disclosure Statement, PTO-1449, and 1 cited reference
- ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)

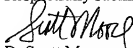
11. ☐ English Translation Document
 12. ☐ Certified Copy of
 13. ☐ Sequence Listing/ Sequence Listing Diskette
 a. ☐ computer readable copy
 b. ☐ paper copy
 c. ☐ statement in support
 14. ☐ An Associate Power of Attorney
 15. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
 16. ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$ 355.00	\$ 710.00
TOTAL CLAIMS	42 - 20 =	22	x 09 = \$	x 18 = \$ 396.00
INDEP CLAIMS	12 - 3 =	9	x 40 = \$	x 80 = \$ 720.00
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 135 = \$	+ 270 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$	Total \$1826.00

- ☐ A check in the amount of \$ to cover the filing fee is enclosed.
- ☒ A check in the amount of \$1826 is enclosed to cover the filing fee, and a check in the amount of \$40 is enclosed to cover the Assignment Recordation fee.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

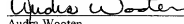

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CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL733097258
 Date of Deposit: May 14, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.16 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.


 Audra Wooten
 Date of Signature: May 14, 2001